#### UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, DC 20549

## FORM 8-K

CURRENT REPORT PURSUANT TO SECTION 13 OR 15(D) OF THE **SECURITIES EXCHANGE ACT OF 1934** 

Date of report (Date of earliest event reported)

February 27, 2009

# STEREOTAXIS, INC.

(Exact Name of Registrant as Specified in Its Charter)

Delaware

(State or Other Jurisdiction of Incorporation)

000-50884

(Commission File Number)

4320 Forest Park Avenue, Suite 100, St. Louis, Missouri

(Address of Principal Executive Offices)

(314) 678-6100

(Registrant's Telephone Number, Including Area Code)

(Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

0 Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

O Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

0 Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

0 Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

(Zip Code)

63108

94-3120386 (IRS Employer Identification No.)

#### Item 8.01. Other Events.

On February 27, 2009, Biosense Webster, Inc., announced that the U.S. Food and Drug Administration has approved for marketing its NAVISTAR<sup>®</sup> RMT THERMOCOOL<sup>®</sup> Catheter for use with the Stereotaxis NIOBE<sup>®</sup> platform. Stereotaxis (NASDAQ: STXS) ("Stereotaxis" or the "Company") has partnered with Biosense Webster, Inc. in the development of ablation catheters used with its NIOBE<sup>®</sup> Magnetic Navigation System. The NAVISTAR<sup>®</sup> RMT THERMOCOOL<sup>®</sup> Catheter for radiofrequency (RF) ablation is used with the NIOBE<sup>®</sup> Magnetic Navigation System, which helps steer a catheter remotely and guide ablation to targeted areas that require treatment.

"NAVISTAR" and "THERMOCOOL" are registered trademarks of Biosense Webster, and "NIOBE" is a registered trademark of Stereotaxis.

#### SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

### STEREOTAXIS, INC.

Date: February 27, 2009

By:/s/ James M. StolzeName:James M. StolzeTitle:Vice President and Chief Financial Officer